

## MONITORING AND REPRESENTING COMPLEX SIGNALS

### Abstract of the Disclosure

A method of displaying signals containing a spatial and a temporal aspect, where multiple signals are received by multiple sensors. The received signals are decomposed into separate signal components within one or more distinct frequency bands. Signal components are isolated within each frequency band based on differences between the signal components within the same frequency band, and the signal components are displayed. The signal components may be analyzed to determine a time course of activity and a location of the associated source. Representations of the source may also be generated and displayed to aid in monitoring the signals.